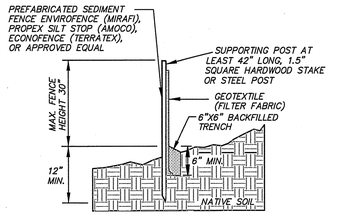
SEDIMENTATION AND EROSION CONTROL NOTES



NOTE:
1. *WOOD POSTS SHALL BE HARDWOOD 1 1/2" x 1 1/2" x 42" MIN. STEEL POST SHALL BE A MINIMUM OF 0.5 POUNDS PER LINEAR FOOT X 42".*
2. *JOINTS, WHEN REQUIRED, SHALL BE SPLICED & SECURELY SEALED TOGETHER, AT POST LOCATIONS ONLY, WITH A MINIMUM 6" OVERLAP.*

SEDIMENTATION CONTROL SYSTEM INSTALLATION

NO SCALE

RAIN GARDEN DETAIL

NO SCALE

MAINTENANCE PROCEDURES FOR TEMPORARY SEDIMENTATION AND EROSION CONTROL MEASURES

All sedimentation and erosion control devices shall be inspected during construction on a weekly basis, and following all storms, by the resident engineer. The contractor shall maintain and make repairs and remove sediment if it has accumulated to a depth of 1/2 the height of the haybales or siltfence as installed. The contractor has option to install a new row of haybales or silt fence behind the sedimented controls. The contractor shall maintain and make repairs and remove sediment as requested by the resident engineer. This work shall be performed within 24 hours of the request and there shall be no separate payment for this maintenance. Where construction activities have permanently ceased or have temporarily been suspended for more than thirty days, or when final grades have been reached in any portion of the site, stabilization practices shall be implemented within seven days.

Following completion of construction, the contractor shall repair all eroded areas and ensure a good stand of turf is established throughout.

SEQUENCE OF CONSTRUCTION

1. INSTALL SILT FENCE.
2. STRIP AND STOCKPILE TOPSOIL.
3. EXCAVATE FOR POOL. CONSTRUCT POOL.
4. INSTALL FENCE ON PROPERTY AS SHOWN. PLANT ARBORVITAE ALONG FENCE AS SHOWN.
5. FINE GRADE, TOPSOIL AND SEED DISTURBED AREA.
6. REMOVE SILT FENCE.

GENERAL

This plan proposes erosion control measures to adequately control accelerated erosion and sedimentation and reduce the danger from storm water runoff at the site. The runoff shall be controlled by the interception, diversion, and safe disposal of precipitation. Runoff shall also be controlled by staging construction activity and preserving natural vegetation whenever possible.

Existing vegetation shall be protected and only that clearing and grubbing absolutely necessary for the proposed construction shall be performed. All disturbed areas shall be restored to their original condition and contour, unless otherwise indicated on the plans. The contractor shall take special care with his construction methods and shall comply with the following guidelines.

Reference is made to the "2002 CT E&S Guidelines". This plan has been prepared in accordance with these guidelines..

SEDIMENTATION CONTROL

All areas shall be protected from sedimentation during and after construction, particularly the storage of excavated or stockpiled material. The contractor shall carefully strip all topsoil, loam, or organic matter prior to trenching or other operations and shall store them separately from all other materials during excavation. Each stockpile must be adequately ringed with sediment control material (i.e. hay bales and/or filter fabric fence).

Debris and other waste resulting from equipment maintenance and construction will not be discarded on site.

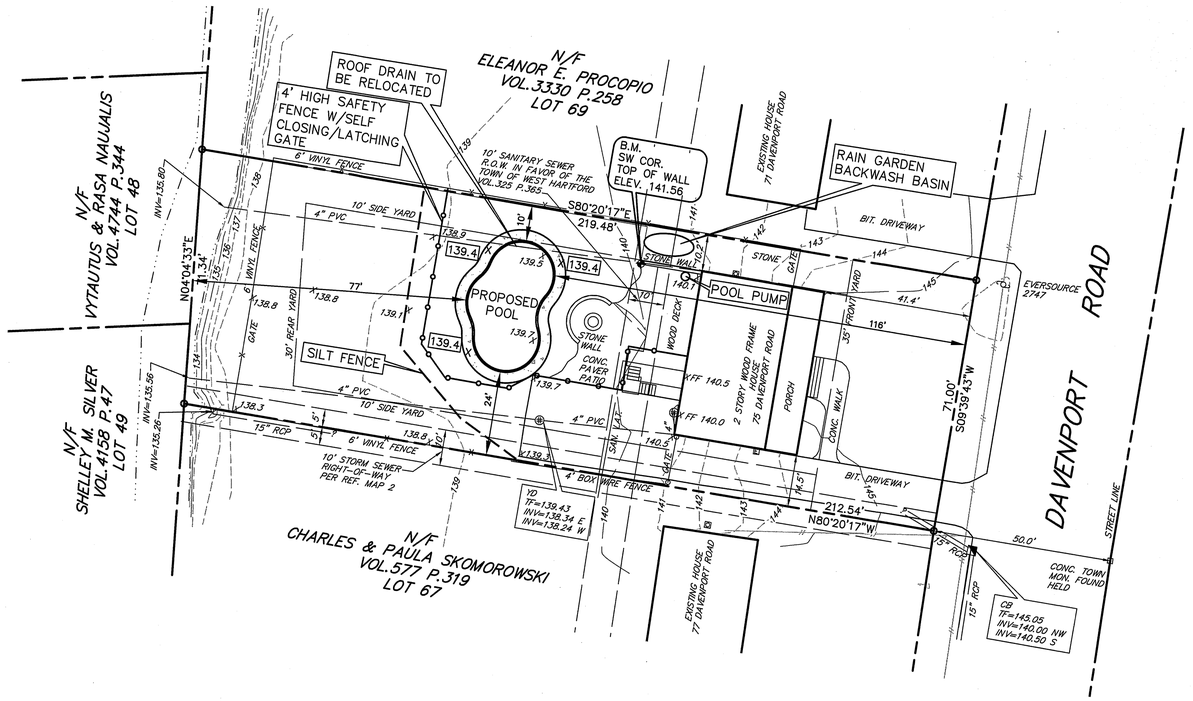
All disturbed areas shall be mulched with hay or straw at the rate of 1.5 to 2 tons per acre. Straw or hay mulch must be anchored immediately after spreading to prevent windblowing. The methods recommended by the "Connecticut Guidelines for Soil Erosion and Sediment Control" shall be used for the anchoring of mulch or netting. Temporary seeding (as detailed below) shall be applied at the rate of 100 lbs./acre.

EROSION AND SEDIMENTATION CONTROL PLAN

Sedimentation Control System – The sedimentation control system shall consist of filter fabric barrier fence. The sedimentation control system shall be installed as indicated on the plans. The system is designed to intercept silt and sediment before it reaches wetland silt areas, or watercourses. Deposits of sediment and silt are to be periodically removed from the upstream side of the fence. This material is to be spread and stabilized in areas not subject to erosion, or in areas which are not to be paved or built on. The sedimentation control system is to be replaced as necessary to provide proper filtering action. The system is to remain in place and be maintained to insure efficient siltation control until all areas above the fence are stabilized and vegetation has been established.

In all areas, removal of trees, bushes and other vegetation, and disturbance of the soil, is to be kept to an absolute minimum while allowing proper development of the site.

During construction, as small an area of soil as possible should be exposed for as short a time as possible. After construction, grade, respread topsoil, and stabilize soil by seeding and mulching so as to prevent erosion.



LEGEND

	PROPERTY LINE
-x-	EXISTING FENCE
	PROPOSED FENCE
	PROPOSED SILT FENCE
	ELEVATION CONTOUR
	OVERHEAD WIRES
	WATERCOURSE
	CATCH BASIN
	YARD DRAIN
X 139.5	EXISTING SPOT ELEVATION
139.4 X	PROPOSED SPOT ELEVATION
CONC.	CONCRETE
BIT.	BITUMINOUS
FF	FINISHED FLOOR ELEVATION

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

CONSTRUCTION NOTES:

1. *THE ELEVATION OF THE PROPOSED POOL IS SET TO ACHIEVE A BALANCED CUT AND FILL SCENARIO.*
2. *THERE SHALL BE NO SIGNIFICANT CHANGE IN THE GRADING OF THE REAR YARD.*
3. *THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THIS PLAN ARE DESIGNED IN ACCORDANCE WITH THE "2002 CT E&S GUIDELINES:.*

REFERENCE MAPS:

1. *"WEST HARTFORD ACRES, SECTION IV–B, I.R. STICH ASSOCIATES, INC., WEST HARTFORD, CONN., SCALE 1"=50', OCT. 1955", BY F.P. MOLLOY.*
2. *"STORM SEWER RIGHT–OF–WAY PROPERTY OF I.R. STICH ASSOCIATES, INC., DAVENPORT ROAD, WEST HARTFORD, CONN., OCTOBER 16, 1959, SCALE 1"=40', P. MARTELLI, TOWN ENGR."*
3. *"SANITARY SEWER RIGHT OF WAY, PROPERTY OF I.R. STICH ASSOCIATES, INC., DAVENPORT ROAD, WEST HARTFORD, CONN., SCALE: 1"=100', MAY 18, 1959, P. MARTELLI, TOWN ENGINEER" VOL. 325 P.365*

NOTES:

1. *THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20–300b–1 THROUGH 20–300b–20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996;*

   TYPE OF SURVEY: IMPROVEMENT LOCATION SURVEY

   BOUNDARY DETERMINATION CATEGORY: DEPENDENT RESURVEY

   CLASS OF HORIZONTAL ACCURACY: A–2
   CLASS OF VERTICAL ACCURACY: V–2
   CLASS OF TOPOGRAPHIC ACCURACY: T–2

   INTENDED USE: POOL PERMIT

2. *HORIZONTAL DATUM BASED ON NAD'83.*
3. *ELEVATIONS BASED ON NGVD'88*
4. *THIS MAP IS VALID ONLY IF IT BEARS THE ORIGINAL SIGNATURE AND EMBOSSED SEAL OF THE UNDERSIGNED LAND SURVEYOR.*

TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

SURVEYOR'S SIGNATURE *DATE* *14649 LICENSE NUMBER*

THIS DRAWING HAS BEEN PREPARED BASED, IN PART, ON INFORMATION PROVIDED BY OTHERS RELATING TO THE LOCATION OF UNDERGROUND SERVICES. WE CAN NOT VERIFY THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.
INDICATED UNDERGROUND UTILITIES ARE BASED ON AVAILABLE DATA. THE LOCATIONS ARE APPROXIMATE AND ALL UTILITIES MAY NOT BE SHOWN. CALL "CALL B–4–U DIG" AT 1–800–922–4455 PRIOR TO ANY EXCAVATION.

19117–POOL.DWG 19117

NAD83

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Scale: 1"=20'
Checked: AB
Date: 04–18–19
Drawn: DJD

Revision	Date
TOWN REVIEW COMMENTS	04–30–19

POOL PERMIT PLAN
PREPARED FOR
EDWARD A. JR. & ROSE MARCHION
75 DAVENPORT ROAD
WEST HARTFORD, CONNECTICUT

IMPROVEMENT LOCATION PLAN

Sheet 1 of 1